1623
HR3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kudla *et al.*

Serial No.: 10/015,521

Filed: 12/13/2001

Title: Rapid Diagnostic Method for
Distinguishing Allergies and
Infections and Nasal Secretion
Collection Unit

Attorney Docket No.: UF156IBD3

Commissioner for Patents
Washington, D.C. 20231

Group Art Unit: 1623

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- under 37 CFR 1.97(c) together with either a:
 Statement under 37 CFR 1.97(e), or
 a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- under 37 CFR 1.97(d) together with a:
 Statement under 37 CFR 1.97(e), and
 a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s) submit herewith information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Applicant(s) also submit herewith copies of Form PTO 1449-Information Disclosure Citations filed in parent application Serial Nos: 08/576,604 and 09/936,954. Under the provisions of 37 C.F.R. 1.98(d), since all references cited therein have been provided in parent application Serial Nos: 08/576,604 and 09/936,954, copies of cited references are not provided herewith. It is believed that this submission complies with the requirements of 37 C.F.R. 1.56.

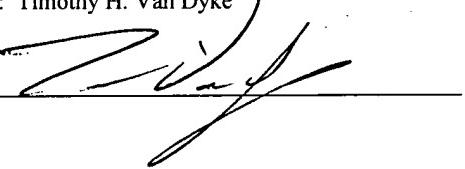
Applicant submits that the cited references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: March 14, 2003

Typed Name: Timothy H. Van Dyke

Signature: 

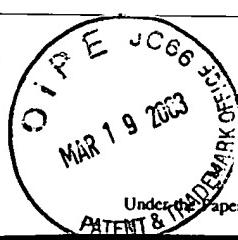
Respectfully submitted,



Timothy H. Van Dyke
Attorney/Agent for Applicant(s)
Reg. No. 43218

Date: March 14, 2003

Customer No: 29847
Van Dyke & Associates, P.A.
7200 Lake Elenor Drive, Suite 252
Orlando, FL 32809
Phone: 407-240-0085; Fax: 407-240-1007



PTO/SB/08A (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

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of

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Complete if Known

Application Number	09/936,954
Filing Date	3/16/1999
First Named Inventor	Small
Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	UFI561A

U.S. PATENT DOCUMENTS

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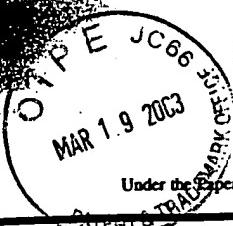
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Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet

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<i>Complete if Known</i>	
Application Number	09/936,954
Filing Date	3/16/1999
First Named Inventor	Small
Group Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	UF1561A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT
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ATTY. DOCKET NO. UF156	SERIAL NO. 08/576,604
APPLICANT(S): Parker A. Small, Jr., Shih-Wen Huang	
FILING DATE December 21, 1995	GROUP 1208

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	3	4	3	8	7	3	7	4/15/69	Atkinson et al.			
AB	4	3	0	1	1	1	5	11/17/81	Rapkin et al.			
AC	4	6	3	7	9	7	9	1/20/87	Skjold et al.			RECEIVED
AD	4	6	4	5	8	4	2	2/24/87	Corey			
AE	4	6	5	7	8	5	5	4/14/87	Corey et al.			
AF	4	7	Q	4	4	6	0	11/3/87	Corey			MAR 21 2003
AG	4	7	5	8	5	0	8	7/19/88	Schnabel et al.			TECH CENTER 1600/2000
AH	3	3	5	9	0	7	2	12/19/67	Rey et al.			
AI	3	4	1	8	0	7	9	12/24/68	Rey et al.			
AJ	3	7	1	2	8	5	3	1/23/73	Rittersdorf et al.			
AK	3	8	9	7	2	1	4	7/29/75	Lange et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	YES	NO
AL									
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR		Service, R.F. (1995) "Antibiotics that Resist Resistance" Science 270:724-727.
	AS	Wang, D. et al. (1995) "Correlations between Complaints, Inflammatory Cells and Mediator Concentrations in Nasal Secretions after Nasal Allergen Challenge and during Natural Allergen Exposure" Int. Arch. Allergy Immunol. 106:278-285.
AT		Sigurs, N. et al. (1994) "Eosinophil cationic protein in nasal secretion and in serum and myeloperoxidase in serum in respiratory syncytial virus bronchiolitis: relation to asthma and atopy" Acta Paediatr. 83:1151-1155.

EXAMINER	DATE CONSIDERED
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
UF-156COPY
Sheet 2 of 7
SERIAL NO.
08/576,604

APPLICANT(S): Parker A. Small, Jr., Shih-Wen Huang

FILING DATE
December 21, 1995GROUP
1208

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	3	8	0	2	8	4	2	4/9/74	Länge et al.				
AB	4	0	1	3	4	1	6	3/22/77	Rittersdorf et al.				
AC	4	3	8	5	1	1	4	5/24/83	Güthlein et al.				
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Okuda, M. et al. (1994) "A Novel Method of Counting Eosinophils in Nasal Secretion of Allergic Rhinitis by Hemocytometric Method" Int. Arch. Allergy Immunol. 104:6-8.
AS	Grzegorezyk, K.M.L. et al. (1993) "Neutrophil chemotactic activity (NCA) in nasal secretions from atopic and nonatopic subjects" Alergy 48:409-414.
AT	Igarashi, Y. et al. (1993) "Immunodeficiency and other clinical immunology: Analysis of nasal secretions during experimental rhinovirus upper respiratory infections" J. Alergy Clin. Immunol. 92:722-731.

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PTO-1449 REV. 7-80)	CIR MAR 19 2003 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. UF156	SERIAL NO. 08/576,604
INFORMATION DISCLOSURE STATEMENT <small>(List & attach sheets if necessary)</small>		APPLICANT(S): Parker A. Small, Jr., Shih-Wen Huang	
		FILING DATE December 21, 1995	GROUP 1208

U.S. PATENT DOCUMENTS

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Sperber, K. et al. (1993) "In vivo detection of a novel macrophage-derived protein involved in the regulation of nasal mucus-like glycoconjugate secretion" J. Allergy Clin. Immunol. 92:585-588.
AS	Knani, J. et al. (1992) "Indirect evidence of nasal inflammation assessed by titration of inflammatory mediators and enumeration of cells in nasal secretions of patients with chronic rhinitis" J. Allergy Clin. Immunol. 90:880-889.
AT	Klementsson, H. et al. (1991) "Eosinophils, secretory responsiveness and glucocorticoid-induced effects on the nasal mucosa during a weak pollen season" Clinical and Experimental Allergy 21:705-710.

EXAMINER	DATE CONSIDERED

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REV. 7-80)CIP.E JC86
MAR 19 2003INFORMATION DISCLOSURE STATEMENT
(If additional sheets are necessary)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
UF156SERIAL NO.
08/576,604

APPLICANT(S): Parker A. Small, Jr., Shih-Wen Huang

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Raphael, G.D. et al. (1991) "The pathophysiology of rhinitis" J. Allergy Clin. Immunol. 88:33-42.
AS	Cohen, R.A., E.P. Brestel (1988) "Nasal secretory response to allergen provocation" Clinical Allergy 18:435-443.
AT	Liu, C.-M., M. Okuda (1988) "Injurious effect of eosinophil extract on the human nasal mucosa" Rhinology 26:121-132.

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
UF156SERIAL NO.
08/576,604INFORMATION DISCLOSURE STATEMENT
(use several sheets if necessary)

APPLICANT(S): Parker A. Small, Jr., Shih-Wen Huang

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December 21, 1995

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Andersson, M. et al. (1987) "Allergen-induced nasal hyperreactivity appears unrelated to the size of the nasal and dermal immediate allergic reaction" Allergy 42:631-637.
AS	Settipane, G.A., D.E. Klein (1985) "Non Allergic Rhinitis: Demography of Eosinophils in Nasal Smear, Block Total Eosinophil Counts and IgE Levels" NER Allergy Proc. 6(4):363-366.
AT	Brofeldt, S. et al. (1986) "Biochemical Analysis of Nasal Secretions Induced by Methacholine, Histamine, and Allergen Provocations" Am. Rev. Respir. Dis. 133:1136-1142.

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Sheet 6 of 7

INFORMATION DISCLOSURE STATEMENT
*(List several sheets if necessary)*ATTY. DOCKET NO.
UF156SERIAL NO.
08/576,604

APPLICANT(S): Parker A. Small, Jr., Shih-Wen Huang

FILING DATE:
December 21, 1995GROUP:
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U.S. PATENT DOCUMENTS

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Eggleston, P.A. et al. (1984) "Mediators of Immediate Hypersensitivity in Nasal Secretions during Natural Colds and Rhinovirus Infection" Acta. Otolaryngol (Stockh) suppl. 413:25-35.
AS	Baumgarten, C.R. et al. (1986) "Plasma Kallikrein during Experimentally Induced Allergic Rhinitis: Role in Kinin Formation and Contribution to TAME-esterase Activity in Nasal Secretions" The Journal of Immunology 137(3):977-982.
AT	Andersson, M. et al. (1995) "Mechanisms of nasal hyper-reactivity" Eur. Arch. Otorhinolaryngol 252 (Suppl. 1):S22-S26.

EXAMINER	DATE CONSIDERED

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UF156SERIAL NO.
08/576,604

Sheet 7 of 7

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)APPLICANT(S): Parker A. Small, Jr., Shih-Wen Huang
FILING DATE: December 21, 1995 GROUP: 1208

U.S. PATENT DOCUMENTS

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AM							
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Florman, A.L. et al. (1987) "Rapid Noninvasive Techniques for Determining Etiology of Bronchitis and Pneumonia in Infants and Children" Clinics in Chest Medicine 8(4):669-679.
AS	Katz, R.M. et al. (1995) "A Comparison of Imaging Techniques in Patients with Chronic Sinusitis (X-ray, MRI, A-Mode Ultrasound)" Allergy Proc. 16(3):123-127.
AT	Demoly, P. et al. (1994) "Assessment of inflammation in noninfectious chronic maxillary sinusitis" J. Allergy Clin. Immunol. 94:95-108.

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